



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/747,759 Confirmation No.: 4704
Applicant : Thomas A. Kean
Filing Date : December 21, 2000
Title : Method and Apparatus for Secure Configuration of a Field
Programmable Gate Array
Group Art Unit : 2134
Examiner : David Yiuk Jung
Docket No. : 13271.5
Customer No. : 34313

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO/SB/08a (PTO-1449). In accordance with the USPTO waiver of the requirement under 37 CFR 1.98(a)(2)(i), only copies of foreign patent documents and non-patent literature are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING (37 CFR §1.8)

I hereby certify, pursuant to 37 CFR §1.8, that I have reasonable basis to expect that that this paper or fee (along with any referred to as being attached or enclosed) would be mailed or transmitted on or before the date indicated with the United States Postal Service with sufficient postage as first class mail on the date shown below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Dated: June 9, 2006

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Sally Hartwell

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Applicant : Thomas A. Kean
Appl. No. : 09/747,759
Examiner : David Yiuk Jung
Docket No. : 13271.5

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

☐ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☒ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☒ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

Applicant : Thomas A. Kean
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STATEMENT UNDER 37 CFR § 1.97(e):

☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

☐ A check in the amount of _____ is enclosed for the above fee(s).


☒ Please charge **\$180.00** to Deposit Account No. **15-0665** for the above fee(s).

☐ The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Orrick, Herrington & Sutcliffe's Deposit Account No. **15-0665**.

Respectfully submitted,

ORRICK, HERRINGTON & SUTCLIFFE LLP

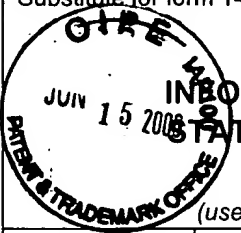
Dated: June 9, 2006

By: 
Donald Daybell
Reg. No. 50,877

ORRICK, HERRINGTON & SUTCLIFFE LLP
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Irvine, CA 92614
949/567-6700 Telephone
949/567-6710 Facsimile

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Substitute for form 1449/PTO			Complete if Known		
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>			Application Number	09/747,759	
			Filing Date	December 21, 2000	
			First Named Inventor	Thomas A. Kean	
			Group Art Unit	2134	
			Examiner Name	David Yiuk Jung	
Sheet	1	of	3	Attorney Docket Number	13271.5

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
	1.	4,120,030		Johnstone	10/10/1978	
	2.	4,465,901		Best	08/14/1984	
	3.	4,525,599		Curran	07/25/1985	
	4.	4,562,305		Gaffney	12/31/1985	
	5.	4,603,381		Guttag	07/29/1986	
	6.	4,633,388		Chiu	12/30/1986	
	7.	4,847,902		Hampson	07/11/1989	
	8.	4,866,769		Karp	09/1989	
	9.	5,224,166		Hartmann, Jr.	06/29/1993	
	10.	5,307,318		Nemoto	04/26/1994	
	11.	5,349,249		Chiang	09/20/1994	
	12.	5,386,469		Yearsley	01/31/1995	
	13.	5,388,157		Austin	02/07/1995	
	14.	5,773,993		Trimberger	06/30/1998	
	15.	5,835,402		Rao	1/10/1998	
	16.	5,898,776		Apland	04/27/1999	
	17.	5,978,476		Lawman	08/31/1999	
	18.	5,946,478		Redman, et al.	1/02/1999	
	19.	5,963,104		Buer	10/05/1999	
	20.	5,991,880		Curd	11/23/1999	
	21.	6,020,633		Erickson	02/01/2000	
	22.	6,028,445		Lawman	02/22/2000	
	23.	6,005,943		Cohen, et al.	12/1999	
	24.	6,044,025		Lawman	02/04/1999	
	25.	6,061,449		Candelore	05/09/2000	
	26.	6,118,869		Kelem	09/12/2000	
	27.	6,141,756		Bright	10/31/2000	
	28.	6,151,677		Walter, et al.	11/2000	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.)). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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	29.	6,198,303		Rangasayee	03/06/2001	
	30.	6,212,639		Erickson	04/03/2001	
	31.	6,049,222		Lawman	04/2000	
	32.	6,292,018		Kean	09/2001	
	33.	6,324,288		Hoffman	11/2001	
	34.	6,324,676		Burnham, et al.	11/2001	
	35.	6,325,292		Sehr	12/2001	
	36.	6,560,743		Plants	05/2003	
	37.	6,640,305		Kocher, et al.	10/2003	
	38.	6,857,076		Klein	02/2005	
	39.	6,947,556		Matyas, et al.	09/2005	
	40.	6,957,193		Stefik, et al.	10/2005	
	41.	6,978,021		Chojnacki	12/2005	
	42.	2002/0141588		Rollins	10/2002	
	43.	2004/011631		Kocher, et al.	06/2004	

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		Office ³	Number ⁴	Kind Code ⁵				
	44.	WO	98/58305	A1	Deas	12/23/1998		
	45.	WO	99/46774	A1	Kelem	09/16/1999		
	46.	WO	00/49717	A2	Trimberger	08/24/2000		

Examiner Signature		Date Considered	
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				Group Art Unit	2134
				Examiner Name	David Yiuk Jung
Sheet	3	of	3	Attorney Docket Number	13271.5

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	47.	XILINX INC., "Xilinx User Guide and Tutorials", 1991, Section "The Best of Xcell", pg 602, column headed "Design Security".	
	48.	XILINX INC., "XACT Reference Guide", 1993, Section 5 "Peripherals and Hardware", subsection headed "Programming the XC3720".	
	49.	OLDFIELD, John V., et al., "Field Programmable Gate Arrays", Wiley-Interscience, 1995, Chapter 3, pgs. 53-102.	
	50.	ACTEL CORP., "Protecting your Intellectual Property from the Pirates", presentation at DesignCon '98, 1998.	
	51.	ATMEL CORP., Application Note "Programming Specification for Atmel's AT17 and AT17A series FPGA Configuration EEPROMs", 1999.	
	52.	TRISCEND INC., "TRISCEND E5 Configurable Processor Family", Product Description (Preview), July 1999, Section "System Initialisation", pgs. 39-43.	
	53.	ACTEL CORP., "60RS Family SPGA's", Advanced Data Sheet, November 19, 1999.	
	54.	XILINX INC., "Virtex 2.5V Field Programmable Gate Arrays", Advanced Product Specification, 1999, pgs. 1-12.	
	55.	TRISCEND INC., "Implementing Secure Remote Updates Using Triscend E5 Configurable System-on-Chip Devices", Application Note AN-02, January 2000, pgs. 1-16.	
	56.	INTEL CORP., "Intel Processor Identification and the CPU-ID Instruction", Application Note AP-485, Intel Corporation, November 2000.	

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